

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No. 0390112

In re application:
PETER J. JESSUP ET AL.

Continuation under 37 CFR 1.62 of
Serial No. 08/077,243
Filed June 14, 1993

GASOLINE FUEL

The Honorable Commissioner of
Patents and Trademarks
Washington, D. C. 20231

Dear Sir:

Courtesy Copy

PRELIMINARY AMENDMENT

Prior to the next Office Action, please amend the claims of the above-identified patent application filed under 37 CFR 1.62 as follows:

Cancel without prejudice claims 91, 92, 94 to 96, 98 to 108, 117 to 139, 142 to 180, inclusive.

Please add the following claims:

181. A method for operating an automotive vehicle having a spark-induced, internal combustion engine and a catalytic converter to yield a reduced amount of NO_x, CO, or unburned hydrocarbons as compared to combusting fuel A/O AVE in said engine, the method comprising:

(1) introducing into the engine an unleaded gasoline selected from the group consisting of

(a) unleaded gasolines having a Reid Vapor Pressure less than 7.0 psi, an octane value of at least 87, a 50% D-86 distillation point no greater than 210 °F, and a paraffin content greater than 72 volume percent;

(b) unleaded gasolines having a Reid Vapor Pressure less than 7.0 psi, an octane value of at least 92, a 50% D-86